

Amendment to the Claims:

This Listing of the Claims Replaces all prior Versions and Listings of the Claims in the Application.

Listing of the Claims:

Claim 1. (Currently amended) A composite article of manufacture formed from at least three sheets of material laminated to one another, wherein:

- each of said sheets has first and second surfaces;
- at least one surface of each of said sheets has a plurality of spaced-apart ridges which extend in a predetermined direction along the plane of said at least one surface;
- each of said pluralities of ridges are arranged so as to nest between a plurality of ridges on an adjacent sheet; and
- said pluralities of ridges extend in at least two different predetermined directions.

Claim 2. (Original) The composite article of manufacture of claim 1, wherein said article comprises at least four sheets of material laminated to one another, wherein two of said sheets have a plurality of spaced-apart ridges extending along both the first and second surfaces of each sheet, and two of said sheets have a plurality of spaced-apart ridges extending along one of said first and second surfaces.

Claim 3. (Currently amended) The composite article of manufacture of claim 1, wherein said article is has the shape of a planar sheet, an elongate beam or an elongate I-beam.

Claim 4. (Original) The composite article of manufacture of claim 1, wherein said pluralities of ridges extend in at least three different directions.

Claim 5. (New) The composite article of manufacture of claim 1, wherein said at least two different predetermined directions comprises a longitudinal orientation and a diagonal orientation.

Claim 6. (New) The composite article of manufacture of claim 1, wherein the angle between said at least two different predetermined directions ranges from about 30 degrees to about 90 degrees.

Claim 7. (New) The composite article of manufacture of claim 1, wherein the angle between said at least two different predetermined directions ranges from about 45 degrees to about 75 degrees.

Claim 8. (New) The composite article of manufacture of claim 1, wherein said first surfaces of two sheets of said at least three sheets comprise said plurality of spaced-apart ridges and said second surfaces of said two sheets comprise end portions.

Claim 9. (New) A composite article of manufacture comprising:

an upper layer comprising first and second surfaces, wherein at least one of said surfaces comprises a plurality of spaced-apart ridges extending in a first predetermined direction along the plane of said at least one surface;

a lower layer comprising first and second surfaces, wherein at least one of said surfaces comprises a plurality of spaced-apart ridges extending in a second predetermined direction along the plane of said at least one surface; and

at least one intermediate layer comprising first and second surfaces, wherein said surfaces comprise a plurality of spaced-apart ridges configured to matingly engage with said plurality of spaced-apart ridges extending in said first and second predetermined directions of said upper and lower layers.

Claim 10. (New) The composite article of manufacture of claim 9, wherein said article has the shape of a planar sheet, an elongate beam or an elongate I-beam.

Claim 11. (New) The composite article of manufacture of claim 9, wherein said first predetermined direction comprises a longitudinal orientation and said second predetermined direction comprises a diagonal orientation.

Claim 12. (New) The composite article of manufacture of claim 9, wherein the angle between said first predetermined direction and said second predetermined direction ranges from about 30 degrees to about 90 degrees.

Claim 13. (New) The composite article of manufacture of claim 9, wherein the angle between said first predetermined direction and said second predetermined direction ranges from about 45 degrees to about 75 degrees.

Claim 14. (New) The composite article of manufacture of claim 9, wherein said first surfaces of said upper and lower layers comprise said plurality of spaced-apart ridges and said second surfaces of said upper and lower layers comprise end portions.

Claim 15. (New) The composite article of manufacture of claim 9, wherein said article comprises two intermediate layers, wherein said first intermediate layer has a first surface

having a plurality of spaced-apart ridges configured to matingly engage said at least one surface of said upper layer and a second surface having a plurality of spaced-apart ridges configured to matingly engage a plurality of spaced-apart ridges on a first surface of said second intermediate layer, wherein a plurality of spaced-apart ridges on a second surface of said second intermediate layer are configured to matingly engage said plurality of ridges on said at least one surface of said lower layer.

Claim 16. (New) The composite article of manufacture of claim 15, wherein said plurality of ridges configured to matingly engage between said at least one surface of said upper layer and said first surface of said first intermediate layer, said second surface of said first intermediate layer and said first surface of said second intermediate layer, and said second surface of said second intermediate layer and said at least one surface of said lower layer extend in three different predetermined directions.